#8

SEQUENCE LISTING

<110>   PEDERSEN, Morten Lorentz

<120>   ASSAY AND KIT FOR ANALYZING GENE EXPRESSION

<130>   PEDERSENA=1A

<140>   10/053,883
<141>   2002-01-24

<150>   PA 2001 00126
<151>   2001-01-24

<150>   US 60/267,704
<151>   2001-02-12

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<170>   PatentIn version 3.1

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<400>  21
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<400> 56
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<400> 58
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gctg                                                                     64


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<400>  68
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<210>  69
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gctggaggga                                                                   10
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ctcactaagg ttcaaaggtt caaacggatc caaaaaaaaa aaaaaaaaaa aaaaaa       56


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cc                                                                 62


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ccacacaaca cc                                                       72


<210>   84

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<400>    84
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gagtcnnnnn                                                   10


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nnnnngactc                                                   10


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<400>    87
tttttggat ccgtttgaac ctttgaacct tagtgaggaa agtccctgga atgaaggttt    60
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```
cgttttttttc gaaaccttca ttccagggac tttcctcact aaggttcaaa ggttcaaacg    120

gatccaaaaa a                                                          131
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<210>  88
<211>  113
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<400>  88
gatccgtttg aacctttgaa ccttagtgag gaaagtccct ggaatgaagg tttcgttttt     60

ttcgaaacct tcattccagg gactttcctc actaaggttc aaaggttcaa acg           113
```

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<210>  89
<211>  32
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<400>  89
ttttttttgt ggttgtgtgg gtgtctggag tc                                   32
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<210>  90
<211>  29
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<400>  90
tcagactcca cacacccaca caaccacaa                                       29
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<210>  91
<211>  24
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<400>  91
ttttcgaaac cttcattcca ggga                                            24
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<210>  92
<211>  28
<212>  DNA
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<213> Artificial Sequence

<220>
<223> synthetic

<400> 92
gaaagtccct ggaatgaagg tttcgttt                                          28


<210> 93
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 93
ttttacacga aattgggacc aaaccttcc                                         29


<210> 94
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
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<400> 94
ccagcggaag gtttggtccc aatttcgtgt ttt                                    33


<210> 95
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 95
ttttgggacc ttacacgaaa ttccacacaa cacc                                   34


<210> 96
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 96
ctgtgggtgt tgtgtggaat ttcgtgtaag gtcccttt                               38


<210> 97

<211>   10
<212>   DNA
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<220>
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<400>   97
ctttcctcac                                                              10


<210>   98
<211>   33
<212>   DNA
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<220>
<223>   synthetic

<400>   98
taaggttcaa aggttcaaac ggatccaaaa aaa                                     33


<210>   99
<211>   66
<212>   DNA
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<220>
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<400>   99
ttttcgaaac cttcattcca gggactttcc tcactaaggt tcaaaggttc aaacggatcc        60

aaaaaa                                                                   66


<210>   100
<211>   65
<212>   DNA
<213>   Artificial Sequence

<220>
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<400>   100
tttttggat ccgtttgaac ctttgaacct tagtgaggaa agtccctgga atgaaggttt         60

cgttt                                                                    65


<210>   101
<211>   55
<212>   DNA
<213>   Artificial Sequence

<220>
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<400>  101
ttttcgaaac cttcattcca gggactttcc tcactaaggt tcaaaggttc aaacg          55


<210>  102
<211>  58
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<400>  102
gatccgtttg aacctttgaa ccttagtgag gaaagtccct ggaatgaagg tttcgttt       58


<210>  103
<211>  11
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (6)..(11)
<223>  n  is a, c, g or t


<400>  103
ggatcnnnnn n                                                           11


<210>  104
<211>  11
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(6)
<223>  n  is a, c, g or t


<400>  104
nnnnnngatc c                                                           11


<210>  105
<211>  18
<212>  DNA
<213>  Artificial Sequence
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<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (6)..(18)
<223>  n  is a, c, g or t


<400>  105
gcagcnnnnn nnnnnnnn                                              18


<210>  106
<211>  18
<212>  DNA
<213>  Artificial Sequence

<220>
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<220>
<221>  misc_feature
<222>  (1)..(13)
<223>  n  is a, c, g or t


<400>  106
nnnnnnnnnn nnngctgc                                             18


<210>  107
<211>  13
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (7)..(13)
<223>  n  is a, c, g or t


<400>  107
gtatccnnnn nnn                                                  13


<210>  108
<211>  13
<212>  DNA
<213>  Artificial Sequence

<220>
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<220>
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<221>  misc_feature
<222>  (1)..(7)
<223>  n  is a, c, g or t


<400>  108
nnnnnnnnngga tac                                                      13


<210>  109
<211>  12
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (7)..(12)
<223>  n  is a, c, g or t


<400>  109
actgggnnnn nn                                                         12


<210>  110
<211>  12
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(6)
<223>  n is a, c, g or t


<400>  110
nnnnnnccca gt                                                         12


<210>  111
<211>  23
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (7)..(23)
<223>  n  is a, c, g or t
```

```
<400>   111
ctggagnnnn nnnnnnnnnn nnn                              23


<210>   112
<211>   23
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (1)..(17)
<223>   n  is a, c, g or t


<400>   112
nnnnnnnnnn nnnnnnnctc cag                              23


<210>   113
<211>   23
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (9)..(23)
<223>   n  is a, c, g or t


<400>   113
ctggagtcnn nnnnnnnnnn nnn                              23


<210>   114
<211>   23
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (1)..(15)
<223>   n  is a, c, g or t


<400>   114
nnnnnnnnnn nnnnngactc cag                              23
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<210>   115
<211>   18
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (7)..(18)
<223>   n  is a, c, g or t


<400>   115
gaggagnnnn nnnnnnnn                                              18


<210>   116
<211>   18
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (1)..(12)
<223>   n  is a, c, g or t


<400>   116
nnnnnnnnnn nnctcctc                                             18


<210>   117
<211>   17
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
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<222>   (9)..(17)
<223>   n  is a, c, g or t


<400>   117
gaggagtcnn nnnnnnn                                              17


<210>   118
<211>   17
<212>   DNA
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<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(9)
<223>  n  is a, c, g or t


<400>  118
nnnnnnnnng actcctc                                          17


<210>  119
<211>  23
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (7)..(23)
<223>  n  is a, c, g or t


<400>  119
gtgcagnnnn nnnnnnnnnn nnn                                    23


<210>  120
<211>  23
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(17)
<223>  n  is a, c, g or t


<400>  120
nnnnnnnnnn nnnnnnnctg cac                                    23


<210>  121
<211>  20
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic
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<220>
<221>  misc_feature
<222>  (6)..(20)
<223>  n  is a, c, g or t


<400>  121
gggacnnnnn nnnnnnnnnn                                                        20


<210>  122
<211>  20
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(15)
<223>  n  is a, c, g or t


<400>  122
nnnnnnnnnn nnnnngtccc                                                        20


<210>  123
<211>  15
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (7)..(15)
<223>  n  is a, c, g or t


<400>  123
acctgcnnnn nnnnn                                                             15


<210>  124
<211>  15
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(9)
```

<223> n is a, c, g or t


<400> 124
nnnnnnnnng caggt                                                    15


<210> 125
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<220>
<221> misc_feature
<222> (7)..(18)
<223> n is a, c, g or t


<400> 125
ggcggannnn nnnnnnnn                                                  18


<210> 126
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<220>
<221> misc_feature
<222> (1)..(12)
<223> n is a, c, g or t


<400> 126
nnnnnnnnnn nntccgcc                                                  18


<210> 127
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<220>
<221> misc_feature
<222> (6)..(12)
<223> n is a, c, g or t


<400> 127

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cccgcnnnnn nn                                                              12


<210>   128
<211>   12
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (1)..(7)
<223>   n  is a, c, g or t


<400>   128
nnnnnnngcg gg                                                              12


<210>   129
<211>   17
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (10)..(17)
<223>   n  is a, c, g or t


<400>   129
gagtcccgcn nnnnnn                                                          17


<210>   130
<211>   17
<212>   DNA
<213>   Artificial Sequence

<220>
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<220>
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<222>   (1)..(8)
<223>   n  is a, c, g or t


<400>   130
nnnnnnnngc gggactc                                                         17


<210>   131
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<211>   19
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (6)..(19)
<223>   n  is a, c, g or t


<400>   131
ggatgnnnnn nnnnnnnnn                                                        19


<210>   132
<211>   19
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (1)..(14)
<223>   n  is a, c, g or t


<400>   132
nnnnnnnnnn nnnncatcc                                                        19


<210>   133
<211>   16
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (6)..(16)
<223>   n  is a, c, g or t


<400>   133
gacgcnnnnn nnnnnn                                                           16


<210>   134
<211>   16
<212>   DNA
<213>   Artificial Sequence
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```
<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(11)
<223>  n is a, c, g or t


<400>  134
nnnnnnnnnn ngcgtc                                                    16


<210>  135
<211>  14
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (6)..(14)
<223>  n is a, c, g or t


<400>  135
ggtgannnnn nnnn                                                      14


<210>  136
<211>  14
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(9)
<223>  n is a, c, g or t


<400>  136
nnnnnnnnnt cacc                                                      14


<210>  137
<211>  14
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
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<221>  misc_feature
<222>  (6)..(14)
<223>  n is a, c, g or t


<400>  137
gaagannnnn nnnn                                              14


<210>  138
<211>  14
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(9)
<223>  n is a, c, g or t


<400>  138
nnnnnnnnnt cttc                                             14


<210>  139
<211>  11
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (6)..(11)
<223>  n is a, c, g or t


<400>  139
gagtcnnnnn n                                               11


<210>  140
<211>  11
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(6)
<223>  n is a, c, g or t
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<400>  140
nnnnnngact c                                                    11


<210>  141
<211>  12
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (5)..(12)
<223>  n is a, c, g or t


<400>  141
cctcnnnnnn nn                                                   12


<210>  142
<211>  12
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(8)
<223>  n is a, c, g or t


<400>  142
nnnnnnnnga gg                                                   12


<210>  143
<211>  17
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (10)..(17)
<223>  n is a, c, g or t


<400>  143
gagtccctcn nnnnnn                                               17

```
<210>  144
<211>  17
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(8)
<223>  n is a, c, g or t


<400>  144
nnnnnnnnga gggactc                                                    17


<210>  145
<211>  17
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (9)..(17)
<223>  n is a, c, g or t


<400>  145
gagtcctcnn nnnnnnn                                                    17


<210>  146
<211>  17
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  synthetic

<220>
<221>  misc_feature
<222>  (1)..(9)
<223>  n is a, c, g or t


<400>  146
nnnnnnnnng aggactc                                                    17


<210>  147
<211>  15
<212>  DNA
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<213>   Artificial Sequence

<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (6)..(15)
<223>   n is a, c, g or t


<400>   147
gcatcnnnnn nnnnn                                                    15


<210>   148
<211>   15
<212>   DNA
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<220>
<223>   synthetic

<220>
<221>   misc_feature
<222>   (1)..(10)
<223>   n is a, c, g or t


<400>   148
nnnnnnnnnn gatgc                                                    15
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